

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	144573	"Foerster.inv.and" bone anchor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/24 08:59
S2	2	"6007567".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/24 09:24
S3	18	("4235238" "4448194" "4741330" "4890612" "5002550" "5021059" "5041129" "5061274" "5100417" "5354298" "5370660" "5403348" "5405359" "5464426" "5522844" "5545178" "5549631" "5718717").PN.	USPAT	OR	OFF	2002/09/24 09:04
S4	9	"5718717".URPN.	USPAT	OR	OFF	2003/04/12 17:54
S5	1819	606/72,73,74,232.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/24 09:25
S6	173	606/72,73,74,232.cds. and slit\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/24 12:50
S7	2	"5501695".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/24 12:25
S8	7	("3143916" "3779239" "3896504" "4580936" "4859128" "4877362" "5030050").PN.	USPAT	OR	OFF	2002/09/24 11:18
S9	7	"5030050".URPN.	USPAT	OR	OFF	2002/09/24 11:21
S10	2	"4828439".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/24 12:48

S11	8	("1295734" "2396501" "2610013" "3143916" "3385156" "3888156" "4152968" "4274324").PN.	USPAT	OR	OFF	2002/09/24 12:27
S12	17	"4274324".URPN.	USPAT	OR	OFF	2002/09/24 12:29
S13	52	606/68.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/24 12:50
S14	1	(606/72,73,74,232.ccls. and slit \$) and 606/68.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/24 13:08
S15	803	411/34,38,43,59.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/24 13:09
S16	2	"5472452".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/24 15:17
S17	2	"5649963".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/24 15:18
S18	55	("Re34293" "2381050" "3036482" "3566739" "3708883" "3842824" "4013071" "4091806" "4140111" "4408938" "4484570" "4492226" "4506670" "4590928" "4632100" "4716893" "4741330" "4778468" "4834752" "4871289" "4940467" "4944742" "5013316" "5037422" "5084050" "5116337" "5141373" "5141520" "5152763" "5176682" "5207679" "5209753" "5224946" "5236445" "5244946" "5248231" "5258015" "5268001" "5324308" "5326205" "5354298" "5411523" "5417712" "5458601" "5464427" "5472452" "5480403" "5486197" "5489210" "5496326" "5501683" "5501695" "5522845" "5545180"	USPAT	OR	OFF	2002/09/24 15:20

		"5571104").PN.				
S19	26	"5571104".URPN.	USPAT	OR	OFF	2002/09/24 15:35
S20	2	"6328758".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/24 16:04
S21	12	("5248231" "5268001" "5326205" "5464427" "5472452" "5480403" "5486197" "5501695" "5522845" "5545180" "5571104" "5649963").PN.	USPAT	OR	OFF	2002/09/24 16:04
S22	16	"5649963".URPN.	USPAT	OR	OFF	2002/09/24 16:10
S23	9734	606/72-74,133-233.ccls. and (tub \$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/25 09:17
S24	430127	((606/72-74,133-233.ccls. and (tub\$5)) and (slits near5 (acute or angle))) and curve\$3 or bent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/25 09:21
S25	6	(606/72-74,133-233.ccls. and (tub\$5)) and (slits near5 (acute or angle))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/25 09:52
S26	13	("3845772" "4009719" "4045825" "4549545" "4873976" "5366480" "5423763" "5575801" "5632748" "5662654" "5681333" "5849004" "5984927").PN.	USPAT	OR	OFF	2002/09/25 09:36
S27	5	"5984927".URPN.	USPAT	OR	OFF	2002/09/25 09:48
S28	1212174	((606/72-74,133-233.ccls. and (tub\$5)) and (slits near5 (acute or angle))) or curve\$3 or bent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/25 09:54
S29	3	((606/72-74,133-233.ccls. and (tub\$5)) and (slits near5 (acute or angle))) and curve\$3 and bent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/25 10:42

S30	24	("0659422" "2072346" "2457244" "2544282" "2547758" "2589499" "2601564" "2862497" "2897820" "2936761" "3833003" "3877434" "3908637" "4553543" "4553544" "4597390" "4784139" "4848367" "4873977" "4911164" "5053043" "5183463" "5201744" "5342374"),PN.	USPAT	OR	OFF	2002/09/25 09:56
S31	7	"5342374".URPN.	USPAT	OR	OFF	2002/09/25 10:07
S32	2	"6022373".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/25 10:49
S33	3	("5472452" "5645589" "5843127").PN.	USPAT	OR	OFF	2002/09/25 10:43
S34	3	"5843127".URPN.	USPAT	OR	OFF	2002/09/25 10:47
S35	2	"5690649".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/25 10:49
S36	98	("0034293" "0034762" "1247621" "2100570" "2143086" "2213715" "2453056" "2562419" "3048177" "3155095" "3254650" "4011602" "4233981" "4293259" "4447915" "4454612" "4501266" "4708132" "4738255" "4744793" "4747407" "4759765" "4772286" "4776330" "4870957" "4875474" "4892547" "4898156" "4899743" "4901711" "4911153" "4927421" "4946468" "4959071" "4960420" "4968315" "4985032" "4986263" "4997433" "5002550" "5002574" "5011473" "5013316" "5019105" "5037422" "5037426" "5046513" "5078730" "5084058" "5087263" "5092891" "5094563" "5129902" "5133723" "5141520" "5147362" "5152764" "5161916" "5163946" "5174087"	USPAT	OR	OFF	2002/09/25 10:49

		"5176682" "5192303" "5203787" "5207679" "5217486" "5250058" "5263991" "5266075" "5268001" "5300077" "5306290" "5312416" "5312422" "5312438" "5313962" "5314427" "5314429" "5314433" "5318577" "5324308" "5330534" "5342366" "5350380" "5354298" "5354300" "5356413" "5358511" "5372599" "5372604" "5376120" "5393302" "5443482" "5464425" "5464427" "5486197" "5531792" "5534004" "5545180").PN.				
S37	9734	606/72-74,133-233.ccls. and (tub\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/25 14:32
S38	13	(606/72-74,133-233.ccls. and (tub\$5)) and (slits near5(acute or angle or curve\$3 or bent))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/25 14:32
S39	18599	606/72-74,133-233.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/25 14:32
S40	23	606/72-74,133-233.ccls. and (slits near5(acute or angle or curve\$3 or bent))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/25 14:36
S41	75	606/72-74,133-233.ccls. and (slit near5(acute or angle or curve\$3 or bent))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/12 18:18
S42	464	606/72-74,133-233.ccls. and (cut near5(acute or angle or curve\$3 or bent))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/26 10:00
S43	2	"5645589".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/12 18:07

S44	93	("Re34293" "1247621" "2143086" "2562419" "3155095" "4011602" "4293259" "4454612" "4708132" "4744793" "4759765" "4776330" "4875474" "4898156" "4901711" "4927421" "4959071" "4968315" "4986263" "5002550" "5013316" "5037422" "5046513" "5084058" "5092891" "5129902" "5141520" "5152764" "5163946" "5176682" "5203787" "5217486" "5263991" "5268001" "5306290" "5312422" "5313962" "5314429" "5318577" "5330534" "5350380" "5354300" "5358511" "5372604" "5393302" "5531792" "5545180").PN.	USPAT	OR	OFF	2003/04/12 17:55
S45	13	"5645589".URPN.	USPAT	OR	OFF	2003/04/12 18:02
S46	2	"5725549".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/12 18:09
S47	2	"5556437".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/12 18:10

S48	2	"6051002".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/12 18:10
S49	63	606/72-74,133-233.ccls. and (slit near5(acute or angle or curve\$3 or bent) and (cylinder tube tubular))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/04/12 18:20
S50	31	foerster-seth-a.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/06/26 10:01
S53	2	"6582453".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/05 09:48
S54	2	"6660008".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/05 09:49
S55	2	"5470335".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/05 09:50
S56	2	"5501695".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/05 10:50
S57	54	foerster-seth-a.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/05 10:56
S58	30	S57 and anchor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/05 10:51
S59	35	tran-minh.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/05 10:59
S60	930	(body or tube or shaft with slits) and (bone adj anchor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/05 11:00

S61	602	(S60) and ("606"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/05 11:01
S62	0	(S61) and (acute adj angle) with (slit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/05 11:02
S63	85	(S61) and (acute adj angle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/05 11:02
S64	17	S63 and @pd< "20010607"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/05 11:03
S65	2	"6660008".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 13:19
S66	2	"6582453".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 13:21
S67	2	"5470335".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 13:22
S68	2	"5501695".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 14:39
S69	2	"5921986".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 14:59
S70	13943	(body or anchor with slits) and (bone) and (configurations)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 15:02
S71	170	(S70) and (acute adj angle) and (suture)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 15:03

S72	49	S71 and @pd<"20010607"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 15:05
S73	2	"5470335".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 08:59
S74	2	"5501695".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 09:00
S75	2	"6660008".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 09:00
S76	2	"6582453".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 09:01
S77	4	("4509511" "4627425" "5035698" "5042983").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/03 09:26
S78	2229	604/264.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 15:56
S79	1609	S78 and @pd<"20010607"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 15:57
S80	987	S79 and (tube or tubular with silts)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 16:05
S81	7	(S80) and (acute) same (angled with surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 16:00
S82	20	S80 and (angled with surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 16:08

S83	52	S80 and bone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 16:08
S84	17	("0193368" "1945656" "2072346" "2097039" "2156522" "3426759" "3595241" "3633585" "3885561" "5800409" "6019743").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2006/08/03 16:15
S85	0	("6170137").URPN.	USPAT	OR	OFF	2006/08/03 16:17
S86	0	("6170137").URPN.	USPAT	OR	OFF	2006/08/03 16:17
S87	1985	(catheter or tube or tubular) same (cuts or slits or slots) and (bone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 09:29
S88	210	("604"/\$.cls.) and (S87)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 09:30
S89	102	S88 and @pd< "20010607"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 09:31
S90	12850	(tubes or catheter) and (slits or cuts or slots).clm.	US-PGPUB; USPAT	OR	OFF	2006/08/06 17:25
S91	17	(tubes or catheter) and (slits or cuts or slots) and (bone) and (angled with surface).clm.	US-PGPUB; USPAT	OR	OFF	2006/08/06 17:26
S92	2	"5224938".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/13 13:51
S93	2	"5807349".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/13 13:53
S94	2	"6246914".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/13 13:54
S95	2	"5201723".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/13 13:55

S96	3	"20020156430"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/13 13:58
S97	2	"6796976".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/13 13:59
S98	5244	(suture) same (tube or bone with anchor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 09:04
S99	2338	S98 and @pd< "20010607"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 09:03
S101	43	S99 and (slits or holes) and (angled with surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 09:05
S102	1	"6156056".pn.	USPAT	OR	OFF	2007/05/06 15:21
S103	4	"690351".ap.	USPAT	OR	OFF	2007/05/06 15:22
S104	6	"690351".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/06 15:22
S105	2	"6156056".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/11 15:08
S106	7	"690351".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/11 15:09

S107	102	(("3143916" "0385352" "4301551" "4467478" "4483023" "4590928" "4597776" "4605414" "4672957" "4712542" "4772286" "4823780" "4828439" "5195542" "5275176" "5326205" "5330468" "5441508" "5470335" "5472452" "5501695" "5531792" "5571104" "5573548" "5575801" "5584839" "5591207" "5645589" "5681333" "5690649" "5697950" "5702397" "5707394" "5725541" "5741282" "5782865" "5797963" "5810854" "5843111" "5860978" "5868789" "5879372" "5893850" "6007567" "6013083" "6022373" "6045572" "6156056" "6582453").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/14 10:37
S108	2	"6582453".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/14 10:37
S109	42	(("3143916" "4301551" "4467478" "4483023" "4590928" "4597776" "4605414" "4672957" "4712542" "4772286" "4823780" "4828439" "5195542" "5275176" "5326205" "5330468" "5441508" "5501695" "5573548" "5575801" "5584839" "5591207" "5681333" "5690649" "5697950" "5702397" "5707394" "5725541" "5741282" "5782865" "5797963" "5810854" "5860978" "5868789" "5879372" "5893850" "6007567" "6013083" "6022373" "6045572" "D385352").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 10:37
S110	10	("6582453").URPN.	USPAT	OR	OFF	2008/01/14 10:39

S111	28	("20040106950" "2065659" "4632100" "4738255" "5100417" "5102421" "5370662" "5417651" "5417712" "5569306" "5578057" "5591207" "5601557" "5643319" "5690677" "5697950" "5814051" "5827291" "5964783" "5993459" "6117162" "6146407" "6517564" "6554852" "6582453" "6641597" "6893448").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/14 10:42
S112	2	"6156056".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 15:17
S113	6	"690351".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 15:29
S114	14	("4968315" "5573540" "5941900" "6171317" "6491714" "6679896" "7329272").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 15:59
S115	4	("5002550" "5152790" "5643320" "6544281").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 16:04
S116	0	("7329272").URIPN.	USPAT	OR	OFF	2008/11/24 16:05
S117	31	("20030191498" "20030195563" "20030195564" "20040243179" "20040260345" "20050240226" "20070203508" "20080015594" "20080051836" "20080319478" "20090069823" "5531763" "6524317" "7090690" "7150757" "7247164").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 09:52
S118	6	"690351".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 10:11

S119	4	"3799829".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 10:18
S120	2	"6660008".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 10:32
S121	2	"6156056".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 10:39
S122	5	("6660008").URPN.	USPAT	OR	OFF	2009/09/22 10:39
S123	1682	606/72,73,74,232,233.ocls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 10:44
S124	669	S123 and @pd<"20010607"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 10:46
S125	0	S124 and (tube with slits) and (ribs)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 10:47
S126	6	S124 and (tube with slits)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 10:47
S127	2	S124 and (body with slits)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 10:48
S128	4	S124 and slits and ribs	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 10:50

S129	39	("3710789").URPN.	USPAT	OR	OFF	2009/09/22 10:53
S130	2	"6156056".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 13:07
S131	18	("6156056").URPN.	USPAT	OR	OFF	2009/09/22 13:09
S132	6	"690351".ap.	US-PGPUB; USPAT	OR	OFF	2009/09/22 14:53
S133	2	"5814052".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 15:09
S134	2	"7247164".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 15:11
S135	148	("2269963" "3143916" "4301551" "4409974" "4467478" "4483023" "4493323" "4590928" "4597776" "4605414" "4657461" "4672957" "4712542" "4721103" "4738255" "4741330" "4772286" "4809408" "4823780" "4828439" "4946468" "5046513" "5085661" "5147166" "5195542" "5203787" "5224946" "5275176" "5324308" "5326205" "5330442" "5330468" "5336240" "5354298" "5383905" "5405359" "5417691" "5417712" "5441508" "5464427" "5472452" "5480403" "5486197" "5501683" "5501695" "5505735" "5514159" "5527343" "5531792" "5534012" "5545180" "5549617" "5549630" "5562689" "5569305" "5569306" "5573548" "5575801" "5584835" "5584839" "5591207" "5601558" "5626614" "5630824" "5632748" "5645589" "5665110" "5681333")	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/22 15:12

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S136	2	"6524317".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 15:15
S137	7	("6524317").URPN.	USPAT	OR	OFF	2009/09/22 15:16
S139	8	(body) same (slits) same (ribs) same (wall).clm.	US-PGPUB; USPAT	OR	OFF	2009/09/22 15:30
S140	2	"6146406".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/03 11:54

S141	2	"6524317".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/03 11:55
S142	2	"7247164".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/03 11:58
S143	148	("2269963" "3143916" "4301551" "4409974" "4467478" "4483023" "4493323" "4590928" "4597776" "4605414" "4657461" "4672957" "4712542" "4721103" "4738255" "4741330" "4772286" "4809408" "4823780" "4828439" "4946468" "5046513" "5085661" "5147166" "5195542" "5203787" "5224946" "5275176" "5324308" "5326205" "5330442" "5330468" "5336240" "5354298" "5383905" "5405359" "5417691" "5417712" "5441508" "5464427" "5472452" "5480403" "5486197" "5501683" "5501695" "5505735" "5514159" "5527343" "5531792" "5534012" "5545180" "5549617" "5549630" "5562689" "5569305" "5569306" "5573548" "5575801" "5584835" "5584839" "5591207" "5601558" "5626614" "5630824" "5632748" "5645589" "5665110" "5681333" "5681351" "5683418" "5690649" "5693060" "5697950" "5702397" "5702398" "5707394" "5709708" "5720765" "5725541" "5733307" "5766250" "5782863" "5782864" "5782865" "5791899" "5797963" "5810854" "5814071" "5849004" "5860978" "5868789" "5879372" "5885294" "5891168" "5893850" "5911721"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 11:59

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S144	9	("3143916" "3779239" "3896504" "4355934" "4580936" "4696610" "4752168" "5030050").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 12:17

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